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jc887 U.S. PTO

**"EXPRESS MAIL CERTIFICATE"**

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**I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, DC 20231.**

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JC825 U.S. PTO  
10/080114  
02/21/02

Attorney Docket No. 1301

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

**UTILITY PATENT APPLICATION TRANSMITTAL**

Inventor(s): Kanwarpal S. Dhugga, Timothy G. Helentjaris, Xiaomu Niu

Title: Manipulation of Sucrose Synthase Genes To Improve Stalk  
And Grain Quality

**APPLICATION ELEMENTS**

1. ☐ Fee Transmittal Form (Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 89]  
 (Preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) [Total Sheets 16]  
 a. ☐ Formal  
 b. ☒ Informal

10080114-022102

Attorney Docket No. 1301

4. ☐ Oath or Declaration [Total Pages \_\_\_\_]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 16 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Microfiche Computer Program (Appendix)
6. ☒ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☒ Computer Readable Copy
- b. ☒ Paper Copy (identical to computer copy) [Total Pages 22]
- c. ☒ Statement verifying identity to above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement (where there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS/PTO-1449)  
☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13. ☐ Small Entity Statement(s) ☐ Statement filed in prior application  
Status still proper and desired
14. ☐ Certified Copy of Priority document(s)
15. ☒ Other: Application Data Sheet

16. If a **CONTINUING APPLICATION**, check the appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_.

Prior application information: Examiner \_\_\_\_\_ Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part

of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label: 27310  
(Insert Customer No. or Attach bar code label here)  
or

☐ Correspondence address below

Name:

Address: Pioneer Hi-Bred International, Inc.  
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P.O. Box 1000

City Johnston State: Iowa

Zip Code: 50131-1000

Country: USA

Phone: (515)

Facsimile (515) 334-6883

### 18. FEE CALCULATION

☒ The total fee is calculated as shown below:

Basic Filing Fee						\$ 740.00
Total Claims	21 - 20	=	1	x	\$ 18.00	18.00
Independent Claims	5 - 3	=	2	x	\$ 84.00	168.00

☐ Multiple Dependent Claims present + \$280.00 \$

**TOTAL FILING FEE** \$ 926.00

Attorney Docket No. 1301

- ☒ Charge \$926.00 to Deposit Account No. 16-1852.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account No. 16-1852.
- ☒ A duplicate of this transmittal is enclosed

Respectfully submitted,



Debra L. Blair  
Attorney for Applicant(s)  
Registration No. 39,112

PIONEER HI-BRED INTERNATIONAL, INC.  
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